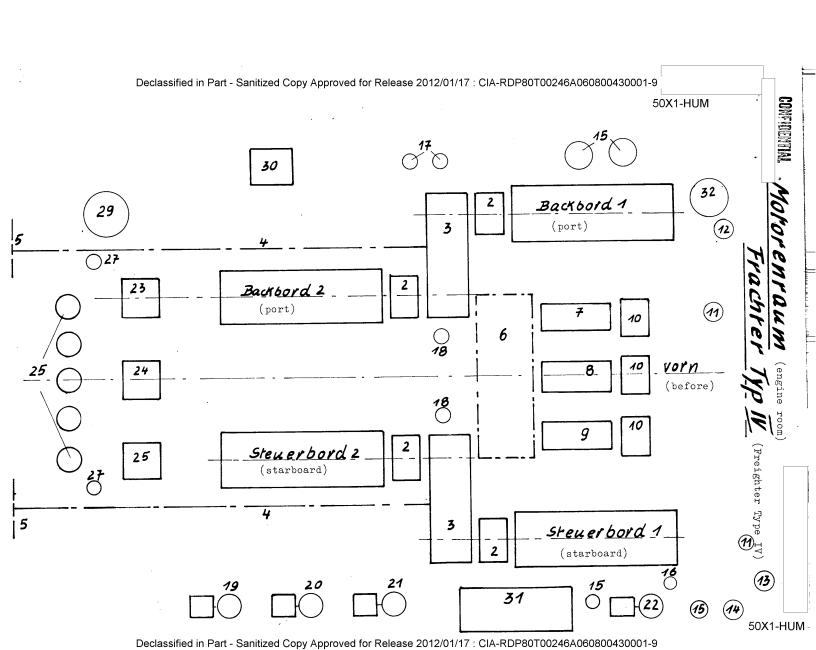


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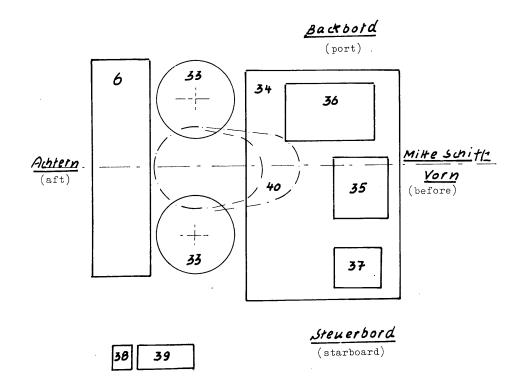
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		- 2 -		
	be equipped with and ballast pump	centrifugal pumps, which s s, but with piston pumps.	erve as drainage	
h.	The separators are insufficient and too small. The heating system of the separators is too primitive. The rubber packings are not oil-resistant.			
i.	The steam turbine which propels the generator, as well as the gearing system, is safe to operate.			
j.	driven winches.	: On board of each ship ar		
	The ship is equiphatch land one	oped with 2 luffing cranes,	one forward for	
	In addition to the	nese devices, the ship has	14 derricks fixed	
	to 10 posts, and	one heavy derrick which is nd serves the hatches 3 and	fixed to the aft	
k.	factory in Berlin	00-W-transmitter which was a-Koepnick.		
	Because of defectis not used to fu	ts in the transmitting tube	s, the transmitter	
1.	The radar equipmentubes and condens	ent was supplied by the USS sers have often brought the	R. Defects in operation of the	
	equipment to a st	andstill. The terms of the	e guarantee given	
	continuous use for	pliers provide that the de or a period of only 20 minu	vice can be in tes.	
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consum	tion (paragraphs 2	e statements on the fuel and and 3) deviate from each	id lubricant	30X1-110W
even th	lough it is the san	me type of ship. This can	be attributed to	
the dif	ferent conditions	under which these measurement	ents were taken.	
Attachn	ments: Two diagram the Type IV	s of the engine room and the freighter with keys to the	ne boiler room of e diagrams (5 pages)	

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esselraum (boiler room)

(Freighter Type IV)

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## Key to the Plans of the Engine Room and the Boiler Room

Number	<u>Object</u>
1	4 diesel engines main engines type 8 DV 66 Au manufacturer: VEB MH (machine construction Halberstadt) performance: 1,800 B.H.P. with 250 rpm 1,400 B.H.P. with 250 rpm ignition pressure: about 60 at final compression pressure: 37 to 38 at stroke: 660 mm
	The charging is done by an enhaust-driven supercharger manu- factured by an unknown factory in Bannewitz.
2	4 Induction clutches manufacturer: VEB Elmo (factory for electro engines) Dessau nominal excitation: 80 to 90 A over excitation: 150 A electrical tension: 220 V kind of current: direct current
3	Propeller shaft gearing manufacturer: VEB Abus, Dessau reduction gear: 1:2.36
4	2 Propeller shefts diameter: about 350 mm number of revolutions: 98 rpm
5	2 Propellers number of wings: 4 ascent of wings: 5.25 width of propeller blade: narrow blades diameter of propeller: about 3.2 m
6 ·	Remote control stand
7,8,9	Auxiliary diesel I, II, III type: 6 DV 136 performance: 300 HP number of revolutions: 500 rpm final compression pressure: about 40 at ignition pressure: about 54 at
10	Generators to 7,8, and 9 manufacturer: VEB Elmo, Dessau electrical tension: 220 V amperage: about 800 A, at cruising speed, however, only about 600 A kind of current: direct current

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•	~ 2 <b>~</b>
Number	<u>Object</u>
11	2 lubricating oil pumps
12	main drainage pump self-aspirating pump type: 100 SV 200/90 A manufacturer: VEB Pumpenwork Erfurt The driving motor was manufactured by VEB Elmo, Dessau.
13	Auxiliary drainage pump type: 60 SW 200/90 A manufacturer and driving motor: see 12
14	Fire-extinguishing pump manufacturer and electro motors are 42
15	3 cooling water pumps manufacturer and driving motor: see 12
16	Diesel oil pump self-aspirating pump type: 30 SW 200/90 A manufacturer and driving motor; see 12
17	2 oil transfer pumps geared pumps driving motors: see 12
18	2 dirty-oil pumps driving motors: see 12
19	Separator I (diesel oil separator) manufacturer: an unknown factory in Artern built as milk-separator
20	Separator II used either as separator for diesel oil or for gear oil manufacturer: see 19
21	Separator III lubricating oil separator manufacturer: see 19
22	Separator IV lubricating oil separator manufacturer: see 19
23,24,25	Compressor I, II, III  two-stage piston compressor with intermediate cooling final compression pressure: 30 at manufacturer: unknown factory in Leipzig

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